

Introduction to



- Wikibase Solutions
- Started in 2013
- Mainly user-perspective
- MediaWiki applications enthusiast

Presentation structure

Justifying its existence

Usage

Wishlist

WSForm

What is WSForm

WSForm

Justifying its existence

WSForm



Let's start with Page forms

- Define forms with own syntax
- Features
- Many things automated

Wikibase's customers

- Lot's of structured data
- Almost all of them use SMW
- Friendly UI important

WSForm



What we wanted in addition

- Put forms anywhere we like
- Build into templates
- Data submitting features
- Built for power-users



WSForm



Small visual demo



WSForm









Create forms in HTML-like way



WSForm

Use case 'Creation Semantic actions':



Action	Date	For	Owner	
<input checked="" type="checkbox"/> Divide tasks for project	29-12-2016	Project - Design wikibase	Viktor Schelling	 
<input type="checkbox"/> Check to what extent tasks have been completed	07-01-2017	Project - Design wikibase	Ad Strack van Schijndel	 
<input type="checkbox"/> Present the final result to the customer	-	Project - Design wikibase	Dennis Groenewegen	 

Step by step instruction on how to create this
with WSForm



WSForm



Creation Semantic actions:
Defining fields



Adding Semantic Action - Basic form

```
<wsform action="addToWiki">

<wscreate mwwrite="Action - " mwoption="add_random" mwtemplate="Task" />

<wsfield type="hidden" name="Action for page" value="{{FULLPAGENAME}}" />

<wsfield type="checkbox" name="Status" value="Done" />
<wsfield type="date" name="Date" value="{{#time: d-m-y|now}}" />

<wsselect name="For" placeholder="Select responsible">
<wsfield type="option" value="User:William" selected>William</wsfield>
<wsfield type="option" value="User:Johan">Johan</wsfield>
</wsselect>

<wsfield type="textarea" name="Action" mandatory />

<wsfield type="submit" value="Submit action" />

</wsform>
```

Adding Semantic Action - SMW-generated options

```
<wsform action="addToWiki">

<wscreate mwwrite="Action - " mwoption="add_random" mwtemplate="Task" />

<wsfield type="hidden" name="Action for page" value="{{FULLPAGENAME}}" />

<wsfield type="checkbox" name="Status" value="Done" />
<wsfield type="date" name="Date" value="{{#time: d-m-y|now}}" />

<wsselect name="For" placeholder="Select responsible">
{{#arraymap:{{#ask: [[Class::User]]|link=none|format=list}}
|,|_USER_|{{#tag:wsfield|{{PAGENAME:_USER_}}|type=option| value=_USER_}}
|}}
</wsselect>

<wsfield type="textarea" name="Action" mandatory />

<wsfield type="submit" value="Submit action" />

</wsform>
```

WSForm



Token/Combobox input type



Adding Semantic Action - WStoken

```
<wsform action="addToWiki">

<wscreate mwwrite="Action - " mwoption="add_random" mwtemplate="Task" />

<wsfield type="hidden" name="Action for page" value="{{FULLPAGENAME}}" />

<wsfield type="checkbox" name="Status" value="Done" />
<wsfield type="date" name="Date" value="{{#time: d-m-y|now}}" />

<wstoken name="For" placeholder="Select responsible">
{{#arraymap:{{#ask: [[Class::User]]|link=none|format=list}}
|,|_USER_|{{#tag:wsfield|{{PAGENAME:_USER_}}|type=option| value=_USER_}}
|}}
</wstoken>

<wsfield type="textarea" name="Action" mandatory />

<wsfield type="submit" value="Submit action" />

</wsform>
```


Adding Semantic Action - WStoken future

```
<wstoken name="For" placeholder="Type in a name"  
data-autocomplete="semantic_ask"  
data-selectquery="[[Class::User]] [[Name for search::~~*@@*]]"  
data-displayproperty="Name"  
data-valueproperty="PageName"  
>  
</wstoken>
```

Adding Semantic Action - File upload

```
<wsfield type="file" name="Attachment"  
pagecontent="{{File|For={{FULLPAGENAME}} }}"  
>
```

```
<wsfield type="file" name="Profile picture"  
target="Viktor.jpg"  
pagecontent="{{File|For={{FULLPAGENAME}} "  
accept=".jpg, .jpeg, .png"  
force="jpg"  
verbose_id="output_action"  
>
```

```
<div id="output_action"></div>
```

WSForm



Creation Semantic actions:
Editing/Creating syntax



Editing Semantic Action - WIP

```
<wsform action="addToWiki">

<wsedit target="{{{Action page ID|}}}" template="Action" formfield="Status" value="{{{Status|}}}" />
<wsedit target="{{{Action page ID|}}}" template="Action" formfield="Date" value="{{{Date|}}}" />
<wsedit target="{{{Action page ID|}}}" template="Action" formfield="For" value="{{{For|}}}" />
<wsedit target="{{{Action page ID|}}}" template="Action" formfield="Action" value="{{{Action|}}}" />

<wsfield type="checkbox" name="Status" value="{{{Status|}}}" />
<wsfield type="date" name="Date" value="{{{Date|}}}" />

<wstoken name="For" placeholder="Select responsible">
{{#arraymap:{{#ask: [[Class::User]]|link=none|format=list}}|,|_USER_|
{{#tag:wsfield|{{PAGENAME:_USER_|}}
|type=option
|value=_USER_
|selected={{#ifeq:{{{For|}}}|_USER_|selected}} }}
|}}
</wstoken>

<wsfield type="textarea" name="Action" mandatory>{{{Action|}}}</wsfield>

<wsfield type="submit" value="Submit action" />

</wsform>
```

Batch editing Semantic Action

```
<wsform action="addToWiki">
```

```
{{#arraymap:{{#urlget:actions}}|,|_ACTIONID_|  
{{#tag:wseedit||target=_ACTIONID_|template=Action|formfield=Status}}  
|}}
```

```
<wsselect name="Status" placeholder="Change status">
```

```
<wsfield type="option" value="Done">Done</wsfield>
```

```
<wsfield type="option" value="Wontfix">Wontfix</wsfield>
```

```
<wsfield type="option" value="Open">Open</wsfield>
```

```
</wsselect>
```

```
<wsfield type="submit" value="Submit action" />
```

```
</wsform>
```

WSForm



Those were the basics



WSForm



If time left, questionnaire use case



WSForm

Questionnaire answers code:

```
<wsform restrictions="lifted" action="addToWiki" mwreturn="Pub:Thank you">
<wscreate mwwrite="Pub:" mwoption="add_random" mwtemplate="Survey" />
<wsfield type="hidden" name="Survey token" value="{{#urlget=Token}}" />

<-- dynamic wsfields defined by page forms-->

<wsfield type="submit" value="Submit questionnaire" />
</wsform>
```


WSForm

Open tasks:

- Token simplification
- Token remote autocomplete
- Show on select
- Code cleanup
- Documentation
- More...



Questions?

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